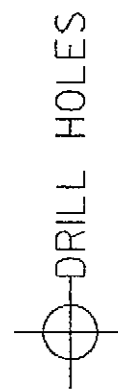


BORDER REV. DATE: June 1, 2004



BY: emilesky

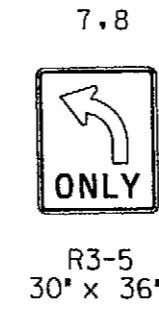
CENTURY
ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

REVISION 'C'

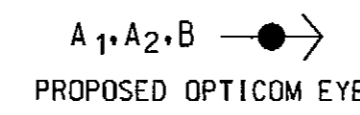
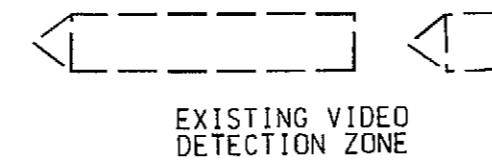
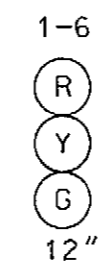
PROJECT NO. 10185.46

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

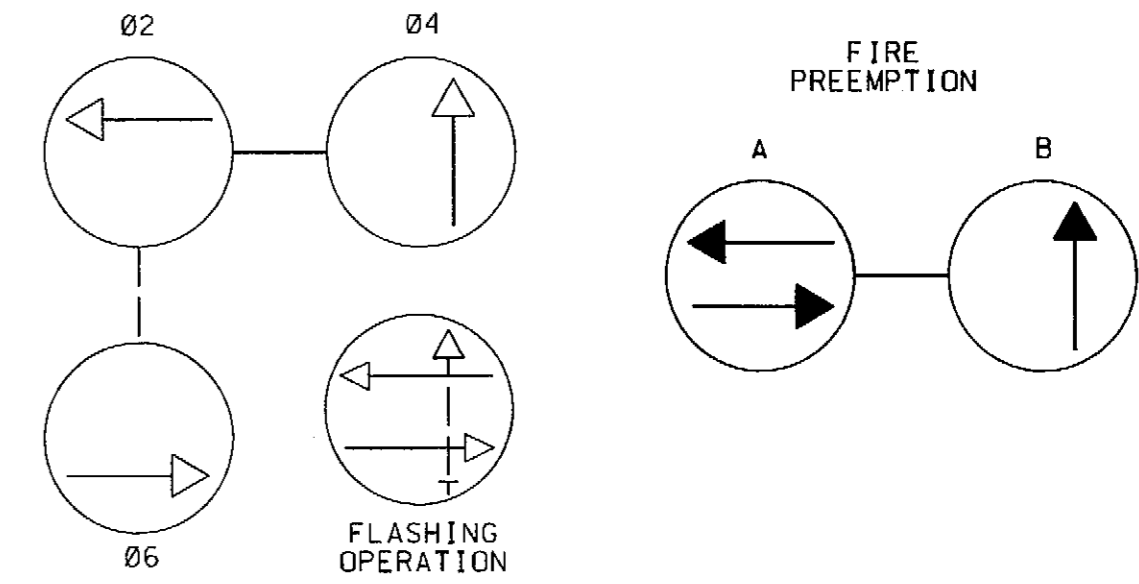
EXISTING SIGNS



EXISTING SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

SHA RIGHT-OF-WAY

TO: HICKORY RIDGE RD.

BROKEN LAND PARKWAY (WB)

COUNTY INTERCONNECT

SIGNAL AHEAD

SHA RIGHT-OF-WAY

COUNTY INTERCONNECT

D.N.E.

ONE WAY

**US 29 (SB)
OFF-RAMP**

BROKEN LAND PARKWAY (EB)

SHA RIGHT-OF-WAY

TO: STEVENS FOREST RD.

CONSTRUCTION DETAILS

- INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE AND ADJUST TO GRADE. INSTALL NEW FRAME AND COVER.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- USE EXISTING CONDUIT; REMOVE UNUSED CABLES.
- USE EXISTING HANDHOLE; REMOVE UNUSED CABLES.
- USE EXISTING CONTROLLER/ CABINET FOR THE INSTALLATION OF THE PREEMPTION EQUIPMENT.

GENERAL NOTES

- ALL UNUSED CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

TOD NO: XX650-08
SHA NO: HO221B55
Broken Land Pkwy @ US 29 Off-Ramp



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

BROKEN LAND PARKWAY AT US 29 (SB) OFF-RAMP
COLUMBIA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE DEC. 28, 2006 CONTRACT NO. _____

DESIGNED BY J. ALLEN COUNTY HOWARD

DRAWN BY R. CICHINI LOGMILE 13CBRO 00.95

CHECKED BY _____ TMS NO. J554

F.A.P. NO. _____ TOD NO. _____

TS NO. 2510C DRAWING **SG-01** OF 2 SHEET NO. 1 OF 2

APPROVALS	
TEAM LEADER	_____
ASST. DIR. CHIEF	_____
DIVISION CHIEF	_____
OFFICE DIRECTOR	_____

REVISIONS	
1	INSTALL OPTICOM EYE FOR PRE-EMPTION IN ALL DIRECTIONS SHA# XX650185 TMS# K915
2	REPLACE EXISTING DETECTION FOR SB OFF RAMP DUE TO RESURFACING SHA# AX1416185 TMS# J554
3	INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACKUP DEVICES SHA# AX1425185

RIGHT-OF-WAY INFORMATION OBTAINED FROM: Arc GIS Server
PlanningCadastralMD.State.ParcelsBoundaries
http://ndimap.towson.edu/arcgis/services
PLAT NUMBERS WERE NOT AVAILABLE FOR STATE-OWNED PROPERTY

PLOTTED: Friday, August 19, 2011 AT 10:45 AM
FILE: S:\2010\Transportation\101198.46 US 29 SB Ramp at Broken Land Parkway\CADD\ACAD SheetSets\mSG-P001_US 29 SB at Broken Land Pkwy.dgn